

MSFC Occupational Medicine & Environmental Health (OMEHS) Overview

New Employee Orientation

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AS60/Integrated Customer Support Dept.
Occupational Medicine & Environmental
Health Services

Occupational Medicine & Environmental Health Services Overview

- Location
 - Medical Center and Environmental Health – Bldg. 4249
 - Respiratory Protection – Bldg. 4646
- Hours of Operation
 - 7:00 a.m. – 3:30 p.m. Monday-Friday
excluding Federal Holidays

Occupational Medicine Overview

- **Emergency & Therapeutic Medicine**
 - Ambulance
 - Clinic
- **Mission Support Services**
- **Education**
- **Preventive Medicine**
 - Physical Examinations
 - Voluntary (civil service only)
 - Mandatory
 - Immunizations/Vaccinations
 - Influenza
 - Foreign Travel Req't
 - Allergy Injections

Mandatory Physical Exams

Occupations involving:

- Chemical usage
- Benzene
- Asbestos Abatement
- Ionizing Radiation
- Confined Space Entry
- Lasers (class 3b & 4)
- Heavy Metals
 - Welders, millwrights, pipefitters, painters, abrasive blasting/soldering operations
- Respiratory hazards
- Excessive Noise (> 80 dBA TWA)
- FAA/Flight Operations
- Program Critical Hardware
- Food Handling
- Pesticides/Herbicides
- Commercial Drivers License
- Heavy Equipment Operations
- Personnel Reliability Program Activities
- Security Officer Operations

Environmental Health Overview

- Industrial Hygiene and Radiation Safety Services for MSFC (civil service & contractors)
- Respiratory Protection Services for MSFC & Army (civil service & contractors)
- 5 Industrial Hygienists and 2 Respiratory Technicians

Industrial Hygiene (IH) Services

- Asbestos Monitoring & Analysis
- Lead Monitoring
- Chemical Exposure Monitoring
- Ergonomic and Workstation Evaluations
- Confined Space Entry Permitting
- Noise Monitoring & Evaluation
- Consulting
- Maintain & Distribute Material Safety Data Sheets (MSDS)

IH Services (cont')

- Annual Building Inspections
- Monthly Cafeteria Inspections
- Design Support
- Indoor Air Quality Monitoring & Evaluations
- Heat Stress Monitoring & Evaluation
- Training
- Complaint Investigations

Radiation Safety

- **Ionizing Radiation Surveys, Exposure Monitoring & Evaluation**
 - TLD Program
 - Facility Evaluations
 - Rad Material Procurement
- **Non-ionizing Radiation Surveys, Exposure Monitoring & Evaluation**
 - Lasers, RF Microwave

Respirator Services

- **Respiratory Protection Equipment**
 - Procurement, Issuance, Inspection, Testing, Maintenance
- **Fit Testing**
 - Quantitative
 - Qualitative
- **Respirator Training**
- **Consulting**

Chemical Usage

- Employees trained in site specific Hazard Communication
- Appropriate personal protective equipment (PPE) available
- Employees trained on correct use of PPE
- Ensure containers are properly labeled
- Chemicals should be stored in appropriate cabinets/areas
- Segregate chemicals according to compatibility
- Limit quantities
- Dispose of out-dated chemicals
- Proper chemical disposal — contact Environmental Engineering Department

Material Safety Data Sheets (MSDS)

- Must be readily accessible for each chemical used within the work area
- OMEHS maintains Master file
- User responsible for forwarding MSDS to OMEHS
- Access through intranet--
 - http://eemo.msfc.nasa.gov/environmental/haz_mat/msds_search.htm

Confined Space Entry Requirements

- Prior to entry, a confined space entry procedure and permit must be approved by OMEHS and Safety & Mission Assurance Offices
- All confined spaces must be posted
- Prior to entry, all personnel entering must have a current physical examination & training

Respiratory Protection

- Required when employees may be exposed to harmful dusts, mists, fumes, gases, smoke, sprays, etc., which cannot be eliminated by adequate engineering controls, substitution of materials, or other means.
- Evaluations performed by OMEHS

Radiation/Laser Safety

- Assure areas where radiation or laser producing sources are located are adequately posted and operate under approved SOPs
- Assure interlocks are installed on appropriate entrances and/or equipment to prevent inadvertent exposures
- Assure radiation or laser producing devices have been registered with OMEHS

Blood or Other Potentially Infectious Materials (OPIM)

- **Never try to clean up a blood spill or OPIM**
- **Secure or block off the area to prevent others from contacting it**
- **Call Custodial Services @ 4-7977**

Sharps Containers

- Never dispose of needles, lancets or any other form of sharps in trash receptacles
- Available to Center Employees who use needle injected medications or lancets
- Available at Medical Center
- Carry filled container to the Medical Center

NASA/MSFC OMEHS

Points of Contact

- **MSFC Occupational Health Officer**
AS60/David L. Thaxton, CIH/544-8371
- **OMEHS Contract Technical Representative**
AS60/Joyce Eagan/544-3996

AJT OMEHS

Points of Contact

- **Occupational Medicine/Medical Center (Bldg. 4249)**
 - Dr. Taurin P. Lee, Medical Director
 - Dr. Kurt Kleeman
 - Janet Kiessling, Nurse Practitioner
 - Mary Jones, BSRN, COHN
 - Diana Douglas, BSRN
 - Lorna Howell, MSN, RN, CCM
 - Peggy Young, Scheduling
 - Maureen Waldrop-Administration
- **Environmental Health (Bldgs. 4249 & 4646)**
 - Eddie Phillips, CIH, CSP, Manager
 - Greg Smith, CIH, CSP, LSO
 - Bill Hutchison, Health Physicist/IH, RSO
 - Scott Pinkston, IH
 - Jeff Mitchell, IH
 - Terry Driver, Respirator Technician
 - Ken McGarry, Respirator Technician

Telephone Numbers

- **Medical Center/Environmental Health Services**
544-2390
- **Respiratory Protection Services**
544-4483/544-4484
- **On-site Emergencies**
911
- **Blood Spills**
544-7977/544-4000 (after hours)
- **Help-Line**
544-4357